



NOTES

- See Buffer Data Table. Use of buffer vehicle is recommended. It may be a work vehicle. If buffer vehicle is used, minimum distance from end of taper to work area shall be total of "R" (roll ahead distance) plus length of vehicle, plus "B" buffer space. If vehicle is not used, minimum distance shall be "B".

CHANNELIZING DEVICE SPACING (m)		
MPH	Taper	Tangent
35	9	18
25/30	6	12

SIGN SPACING TABLE	
Speed	X
35 MPH	105 m ±
25/30 MPH	60 m ±

MINIMUM TAPER LENGTH = L IN METERS			
Lane Width (m)	Posted Speed (MPH)		
	25	30	35
3.0	32	46	63
3.3	36	51	69
3.6	39	55	75

BUFFER DATA			
Buffer Space			
Speed (MPH)	25	30	35
B (m) =	17	26	37
Buffer Vehicle Roll Ahead Distance			
4 Yard Dump Truck 24,000 LBS		Stationary Operation	
R (m) =		30	

FOR LOCAL
AGENCY USE

LEGEND

Channelizing Devices

Typical application - shoulder work on urban street with minor encroachment on traveled lane.

TRAFFIC CONTROL PLAN
WASHINGTON STATE DEPARTMENT OF TRANSPORTATION
OLYMPIA, WASHINGTON

APPROVED
STANDARD PLAN K-18